

LATE-FILED AMENDMENT NO. 2

TO

ORDINANCE NO. BL2019-1600

Mr. President –

I hereby move to amend Ordinance No. BL2019-1600 by amending Section 1 by amending proposed Section 2.32.080, Subsection E as follows:

E. The department of general services shall develop and submit to the metropolitan council a strategic plan for achieving the renewable energy portfolio standard by July 1, 2020. The plan shall include cost estimates for implementation of the standards. The department of general services shall further issue a report to the metropolitan council at least annually regarding the renewable energy portfolio standards of the Metropolitan Government of Nashville and Davidson County which shall include the percentage of renewable energy usage by category and the RECs or credits, if any, in use. This report shall be made available on the Metropolitan Government's website and the Metro Open Data Portal.

INTRODUCED BY:



Freddie O'Connell  
Member of Council



ADOPTED: May 21, 2019

AMENDMENT NO. 1  
TO  
ORDINANCE NO. BL2019-1600

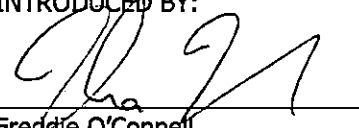
Mr. President –

I hereby move to amend Ordinance No. BL2019-1600 as follows:

- I. By amending Section 1 by amending proposed Section 2.32.080, Subsection B, by adding the phrase "not less than" after the phrase "tier one renewable resources," wherever it appears.
- II. By amending Section 1 by amending proposed Section 2.32.080 by deleting Subsection C in its entirety and substituting in lieu thereof the following:
  - C. If local capacity is available, metro should attempt to increase their share of ownership in community-based solar energy programs within Davidson ~~eCounty~~. The Metropolitan Government should further attempt to engage in available initiatives offered by NES to increase renewable energy sources above the target standards listed in subsection A when available.
- III. By amending Section 1 by amending propose Section 2.32.080 by adding a new Subsection D as follows:
  - D. The Metropolitan Government may use renewable energy certificates ("RECs") or other types of credits in order to meet the percentage required under the standards outlined in subsection B.
- IV. By amending Section 1 by amending proposed Section 2.32.080 by adding a new Subsection E as follows:
  - E. The department of general services shall develop and submit to the metropolitan council a strategic plan for achieving the renewable energy portfolio standard by January 1, 2020. The plan shall include cost estimates for implementation of the standards. The department of general services shall further issue a report to the metropolitan council at least annually regarding the renewable energy portfolio standards of the Metropolitan Government of Nashville and Davidson County which shall include the percentage of renewable energy usage by category and the RECs or credits, if any, in use. This report shall be made available on the Metropolitan Government's website and the Metro Open Data Portal.

ADOPTED: May 21, 2019

INTRODUCED BY:

  
Freddie O'Connell  
Member of Council



**ORDINANCE NO. BL2019-1600**

**An ordinance to amend Metropolitan Code of Laws Chapter 2.32 to establish a renewable energy standard for the Metropolitan Government of Nashville and Davidson County.**

NOW, THEREFORE, BE IT ENACTED BY THE COUNCIL OF THE METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY:

Section 1. That Chapter 2.32 of the Metropolitan Code of Laws is hereby amended by adding a new Section 2.32.080 as follows:


Section 2.32.080 – Renewable Energy Portfolio Standard Program

- A. Definitions. The following definitions shall be used in this section:
1. "Solar energy" means radiant energy, direct, diffuse, or reflected, received from the sun at wavelengths suitable for conversion into thermal, chemical, or electrical energy, that is collected, generated, or stored for use at a later time.
  2. "Tier one renewable source" means one or more of the following types of energy sources:
    - a. Solar energy;
    - b. Wind;
    - c. Methane from the anaerobic decomposition of organic materials in a landfill or wastewater treatment plant;
    - d. Geothermal;
    - e. Ocean, including energy from waves, tides, currents, and thermal differences;
    - f. Fuel cells producing electricity from a tier one renewable source under this paragraph; and
    - g. Raw or treated wastewater used as a heat source or sink for a heating or cooling system.
  3. "Tier two renewable source" means one or more of the following types of energy sources:
    - a. Hydroelectric power other than pumped storage generation; or
    - b. Waste-to-energy.
- B. The renewable energy portfolio standard for the Metropolitan Government shall be as follows:
1. In 2020, that the percentage of total carbon-free energy usage shall be not less than 53%, with not less than 20% from tier one renewable sources, 2.5% from tier two renewable sources, and not less than 1% from solar energy;
  2. In 2021, that the percentage of total carbon-free energy usage shall be not less than 55.7%, with not less than 22.5% from tier one renewable sources, 3% from tier two renewable sources, and not less than 1.5% from solar energy;
  3. In 2022, that the percentage of total carbon-free energy usage shall be not less than 58.4%, with not less than 25% from tier one renewable sources, 3.5% from tier two renewable sources, and not less than 1.6% from solar energy;
  4. In 2023, that the percentage of total carbon-free energy usage shall be not less than 61.1%, with not less than 27.5% from tier one renewable sources, 4% from tier two renewable sources, and not less than 1.85% from solar energy;
  5. In 2024, that the percentage of total carbon-free energy usage shall be not less than 63.8%, with not less than 30% from tier one renewable sources, 4.5% from tier two renewable sources, and not less than 2.15% from solar energy;
  6. In 2025, that the percentage of total carbon-free energy usage shall be not less than 66.5%, with not less than 35% from tier one renewable sources, 5% from tier two renewable sources, and not less than 2.45% from solar energy;
  7. In 2026, that the percentage of total carbon-free energy usage shall be not less than 69.2%, with not less than 40% from tier one renewable sources, 5.5% from tier two renewable sources, and not less than 2.75% from solar energy;

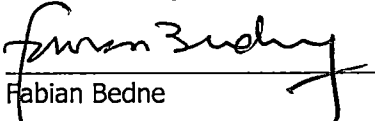
8. In 2027, that the percentage of total carbon-free energy usage shall be not less than 71.9%, with not less than 45% from tier one renewable sources, 6% from tier two renewable sources, and not less than 4% from solar energy;
  9. In 2028, that the percentage of total carbon-free energy usage shall be not less than 74.6%, with not less than 50% from tier one renewable sources, 6.5% from tier two renewable sources, and not less than 4.5% from solar energy;
  10. In 2029, that the percentage of total carbon-free energy usage shall be not less than 77.3%, with not less than 55% from tier one renewable sources, 7% from tier two renewable sources, and not less than 4.75% from solar energy;
  11. In 2030, that the percentage of total carbon-free energy usage shall be not less than 80%, with not less than 60% from tier one renewable sources, 7.5% from tier two renewable sources, and not less than 5.0% from solar energy;
  12. In 2031, that the percentage of total carbon-free energy usage shall be not less than 82%, with not less than 65% from tier one renewable sources, 8% from tier two renewable sources, and not less than 5.25% from solar energy;
  13. In 2032, that the percentage of total carbon-free energy usage shall be not less than 84%, with not less than 70% from tier one renewable sources, 8.5% from tier two renewable sources, and not less than 5.5% from solar energy;"
  14. In 2033, that the percentage of total carbon-free energy usage shall be not less than 86%, with not less than 75% from tier one renewable sources, 9% from tier two renewable sources, and not less than 6.0% from solar energy;
  15. In 2034, that the percentage of total carbon-free energy usage shall be not less than 88%, with not less than 80% from tier one renewable sources, 8% from tier two renewable sources, and not less than 6.5% from solar energy;
  16. In 2035, that the percentage of total carbon-free energy usage shall be not less than 90%, with not less than 85% from tier one renewable sources, 5% from tier two renewable sources, and not less than 7.0% from solar energy;
  17. In 2036, that the percentage of total carbon-free energy usage shall be not less than 92%, with not less than 90% from tier one renewable sources, 2% from tier two renewable sources, and not less than 7.5% from solar energy;
  18. In 2037, that the percentage of total carbon-free energy usage shall be not less than 94%, with not less than 94% from tier one renewable sources, 0% from tier two renewable sources, and not less than 8.0% from solar energy;
  19. In 2038, that the percentage of total carbon-free energy usage shall be not less than 96%, with not less than 96% from tier one renewable sources, 0% from tier two renewable sources, and not less than 8.5% from solar energy;
  20. In 2039, that the percentage of total carbon-free energy usage shall be not less than 98%, with not less than 98% from tier one renewable sources, 0% from tier two renewable sources, and not less than 9.0% from solar energy;
  21. In 2040, that the percentage of total carbon-free energy usage shall be not less than 100%, with not less than 100% from tier one renewable sources, 0% from tier two renewable sources, and not less than 9.5% from solar energy; and
  22. In 2041 and thereafter, that the percentage of total carbon-free energy usage shall be not less than 100%, with not less than 100% from tier one renewable sources, 0% from tier two renewable sources, and not less than 10% from solar energy.
- C. If local capacity is available, metro should attempt to increase their share of ownership in community-based solar energy programs within Davidson county. Metro should further attempt to engage in available initiatives offered by NES to increase renewable energy sources above the target standards listed in subsection A when available.


Section 2. This ordinance shall take effect from and after its final passage, the welfare of The Metropolitan Government of Nashville and Davidson County requiring it.

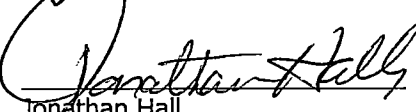
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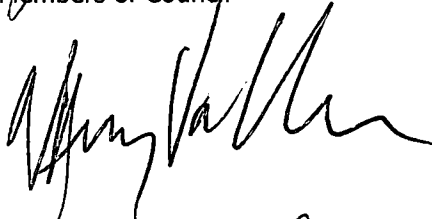
  
Freddie O'Connell

  
Mary Carolyn Roberts

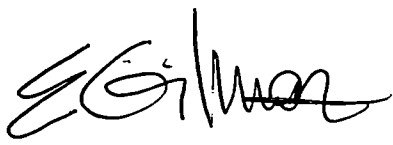
  
Fabian Bedne



  
Colby Sledge

  
Jonathan Hall  
Members of Council






Binky Miller 

  
  
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Nina Johnson

# ORIGINAL

## METROPOLITAN COUNTY COUNCIL

Bill No. BL 2019-1600

An ordinance to amend Metropolitan Code of Laws Chapter 2.32 to establish a renewable energy standard for the Metropolitan Government of Nashville and Davidson County.

2019 APR 9 AM 11:57  
FILED METROPOLITAN CLERK

Introduced APR 16 2019

Passed First Reading APR 16 2019

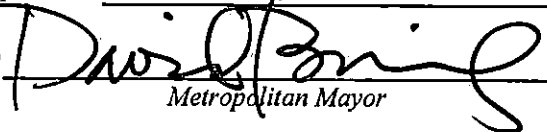
Amended MAY 21 2019

deferred to 5-21-19 on 5-7-19

Passed Second Reading MAY 21 2019

Passed Third Reading JUN - 4 2019

Approved JUN - 5 2019

By   
Metropolitan Mayor

Advertised \_\_\_\_\_

Effective Date \_\_\_\_\_